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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/541590
				Filing Date	July 7, 2005
				First Named Inventor	Katsumi SAKITANI
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	4633-0140PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

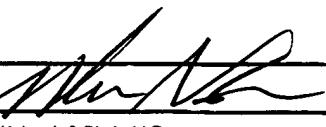
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
MM	BA**	JP-2003-279179-A	10-02-2003		
MM	BB**	JP-57-108555-A	07-06-1982		
MM	BC**	JP-2000-234814-A	08-29-2000		

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Birch, Stewart, Kolasch & Birch, LLP

ADM/sm



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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/541,590
				Filing Date	July 7, 2005
				First Named Inventor	Katsumi SAKITANI
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	4633-0140PUS1

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
MM	BA	JP-2001-107881-A	04-17-2001		✓
MM	BB	JP-2001-116371-A	04-27-2001		✓

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MM	CA	"THEORETICAL PERFORMANCE OF CARBON DIOXIDE CYCLE WITH INCORPORATION OF COMPRESSOR/EXPANDER INTEGRATED TYPE FLUID MACHINERY," Fukuda MITSUHIRO, 35th Air Conditioning and Refrigeration Combined Lecture Meeting, Lecture Collected Papers, pp. 57-60.			

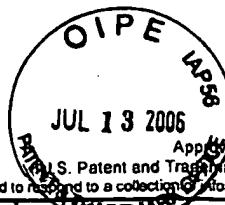
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Birch, Stewart, Kolasch & Birch, LLP

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	4633-0140PUS1
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Complete if Known

Application Number	10/541,590
Filing Date	July 7, 2005
First Named Inventor	Katsumi SAKITANI
Art Unit	N/A
Examiner Name	Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MM	AA*	US-6,484,519-B1	11-26-2002	Hesse et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
MM	BA	EP-0 787 891-A2	08-06-1997			
MM	BB	EP-0 410 570	01-30-1991			
MM	BC	DE-198 02 613-A1	07-29-1999			

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MM	CA	Heyl et al., Expander-Compressor for a more Efficient use of CO ₂ as Refrigerant, pp 240-248	
MM	CB	Ma et al. Thermodynamic Analysis and Comparasion of Expander for SO ₂ Transcritical Cycle, pp. 287-292	

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PTO/SB/08a/b (07-06)

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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/541,590-Conf. #7820
				Filing Date	July 7, 2005
				First Named Inventor	Katsumi SAKITANI
				Art Unit	3744
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	4633-0140PUS1

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AA	6,484,519		11-26-2002	Hesse et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BA	JP-3-172587-A		07-25-1991		
BB	JP-3-137457-A		06-12-1991		
BC	JP 2003-279179		10-02-2003		

already cited —

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Substitute for form 1449A/B/PTO

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Application Number	10/541,590-Conf. #7820
Filing Date	July 7, 2005
First Named Inventor	Katsumi SAKITANI
Art Unit	3744
Examiner Name	Not Yet Assigned

Sheet

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of

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BA	JP-3-172507-A		07-25-1991			
BB	JP-3-137457-A		06-12-1991			
BC	JP-2003-279179		10-02-2003			
BD	JP-2003-516265		05-13-2003			

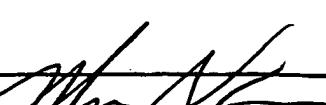
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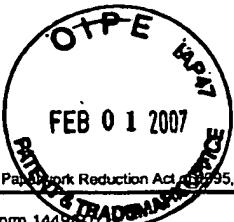
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Substitute for form 1449A/7-97				Complete if Known	
				Application Number	10/541,590
				Filing Date	July 7, 2005
				First Named Inventor	Katsumi SAKITANI
				Art Unit	3744
				Examiner Name	Not Yet Assigned
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MM	BA	JP-2000-32916-A	11-30-2000		T ⁶

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